

### **REMARKS**

This is in response to the Office Action of March 31, 2010. The amendments made here should place the application in condition for allowance.

In the Office Action, independent claims 32 and 69 and their associated dependent claims were allowed, and certain dependent claims were indicated to be allowable if placed into independent form. This response amends the pending claims to incorporate the allowable subject matter.

More particularly, claim 10, dependent on claim 1 through claims 8 and 9, was deemed allowable. The subject matter of claim 10 has been incorporated into now-amended claim 1. Applicants note, however, that the subject matter of intervening dependent claim 8 has not been incorporated into claim 1. The examiner's comments in the office action clearly suggested that it was strictly the subject matter added by claims 9 and 10, not anything added by intervening claim 8 (directed simply to the shape of the dust collector), that was significant. For this reason that subject matter has been omitted from claim 1. Claims 9 and 10 have been cancelled.

Claim 12 (dependent on claim 1), claim 13 (12), and claim 58 (13) were deemed allowable. Claim 12 has been amended to be in independent form, incorporating the subject matter of pending claim 1.

Claim 25, dependent on claim 18 through claims 24 and 19, was deemed allowable. Claim 18 has now been amended to incorporate the subject matter of claims 19 and 25; for the same reasons as discussed above with respect to claim 10, the subject matter of intervening dependent claim 24 has not been added to claim 18. Claims 19 and 25 have been cancelled.

Independent claim 60 and dependent claims 61-64 were rejected. Claim 64, however, claims the same system as claim 12, but in actual combination with a fluidized catalytic cracking unit. Since claim 12 is allowable, claim 64 should be as well. Therefore, applicants have amended claim 60 to incorporate the subject matter of claim 64 and intervening claim 62, which have now been cancelled, into claim 60. Formal allowance of this claim is requested.

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**PATENT**

Remaining claims that continue to be rejected have been cancelled. All cancellations herein are made without prejudice to applicants right to re-present the claims in a continuing application.

The above provides a complete response to the Office Action of March 31, 2010, and the claims are patentable and in condition to be allowed. The undersigned requests that the examiner call directly if there are any questions about the response or any matters that need to be addressed to further the issuance of patent from this application.

Respectfully submitted,

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